



08-05-03

MERL-1467

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Nikovski et al.

Title: METHOD AND SYSTEM FOR SCHEDULING CARS IN ELEVATOR SYSTEMS CONSIDERING EXISTING AND FUTURE PASSENGERS

Serial Number: 10/602,849

Filed: June 24, 2003

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INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
PO Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §1.56(a), Applicant hereby cites the following documents (copies enclosed) listed on the attached copy of Form PTO-1449.

This Information Disclosure Statement is filed in accordance with the paragraph of 37 CFR §1.97 checked below:

X 1.97(b) This Information Disclosure Statement is filed:

- (1) Within three months of the filing date of a national application; OR
- (2) Within three months of the date of entry of the national stage of an international application; OR
- (3) Before the mailing of a first Office Action on the merits.

No fee or certification is required.

 1.97(c) This Information Disclosure Statement is filed after the period specified in paragraph (b) above, but before the mailing date of either:

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1.17(p).

1.97(d) This Information Disclosure Statement is filed
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set out below; AND

(2) Petition is hereby made under 37 CFR
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Information Disclosure Statement; AND,

(3) Authorization to charge the petition fee
of \$130.00 as set out in 37 CFR 1.17(i).

If this Information Disclosure Statement is being filed
under 37 CFR 1.97(c) or 1.97(d), the undersigned Attorney hereby

certifies that:

- each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Statement;
- or**
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to the knowledge of the undersigned Attorney after making reasonable enquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing date of this Statement.

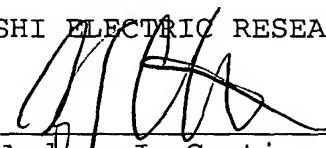
MERL-1467

Authorization is hereby given to charge the indicated fee(s) to Deposit Account No. 50-0749.

Please charge any additional fee due for this paper to Deposit Account No. 50-0749.

Respectfully submitted,

MITSUBISHI ELECTRIC RESEARCH LABORATORIES

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Enclosures

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Sheet 1 of 1

Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: MERL-1467	Serial Number:
INFORMATION DISCLOSURE CITATION			
(Use several sheets if necessary)			
Applicant: Nikovski et al.			
Filing date: June 24, 2003		Group art area:	

U. S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Sub-class	Filing date if appropriate
	5,146,053	09/08/1992	Powell et al.	187	127	

FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Barney, "Elevator Traffic Handbook," Spon Press, London, 2003, pages 269-270
	Strakosch, "Vertical transportation: elevators and escalators," John Wiley & Sons, Inc., 1998, pages 150-151
	Bao, "Elevator dispatchers for down-peak traffic," Technical Report, University of Massachusetts, Department of Electrical and Computer Engineering, Amherst, Massachusetts, 1994
	Nikovski et al., "Decision-theoretic group elevator scheduling," 13 th International Conference on Automated Planning and Scheduling, Trento, Italy, June 2003
	Ujihara et al., "The revolutionary AI-2000 elevator group-control system and the new intelligent option series," Mitsubishi Electric Advance, 45:5-8, 1988
	Crites et al., "Elevator group control using multiple reinforcement learning agents," Machine Learning, 33:235, 1998
	Bertsekas, "Dynamic Programming and Optimal Control," Athena Scientific, Belmont, Massachusetts, 2000. Volumes 2, pages 261-264
	Bertsekas, "Dynamic Programming and Optimal Control," Athena Scientific, Belmont, Massachusetts, 2000, Volumes 1, pages 18-24

Examiner:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP .609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.